

Patent Abstracts of Japan

PUBLICATION NUMBER : 05331070  
PUBLICATION DATE : 14-12-93

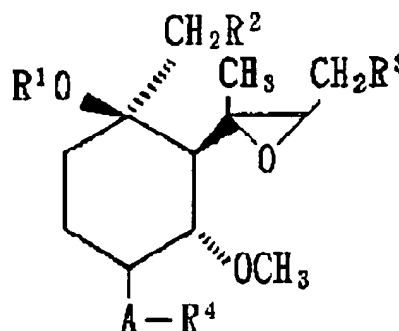
APPLICATION DATE : 05-02-93  
APPLICATION NUMBER : 05018489

APPLICANT : TAKEDA CHEM IND LTD;

INVENTOR : SUDO KATSUICHI;

INT.CL. : A61K 37/02 A61K 31/335 A61K 31/70

TITLE : ANTINEOPLASTIC AGENT  
CONTAINING BOTH TNP AND  
INTERLEUKIN



II

ABSTRACT : PURPOSE: To provide an antineoplastic agent having excellent metastasis inhibitory activity and the life prolongation effect on cancer-bearing animals at extremely low doses, consisting of a combination of a fumagillin derivative or a salt thereof and interleukin.

CONSTITUTION: The antineoplastic agent consisting of a combination of (A) a compound of formula I [ $R^1$  is H;  $R^2$  is halogen, of formula II ( $R^5$  and  $R^6$  are each (substituted) hydrocarbon or heterocyclic group;  $m$  is 0 or 1), etc.; or,  $R^1$  and  $R^2$  are combined into a lone bond;  $R^3$  is 2-methyl-1-propenyl or isobutyl;  $A$  is O or  $NR^8$  ( $R^8$  is H, (substituted) lower alkyl, etc.);  $R^4$  is H, acyl, etc.] having vascularization inhibitory activity [e.g. 6-O-(N-methylcarbamoyl) fumagillol] and (B) an interleukin (pref. interleukin-2).

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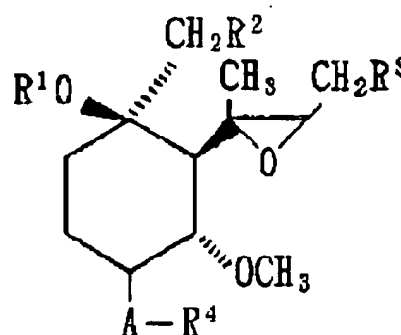
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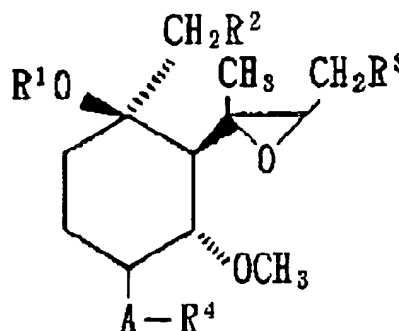
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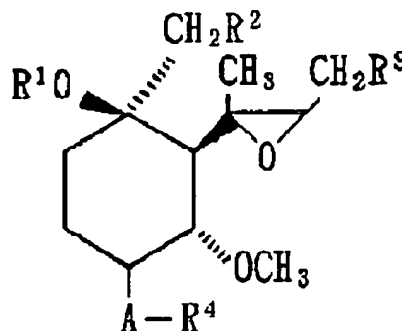
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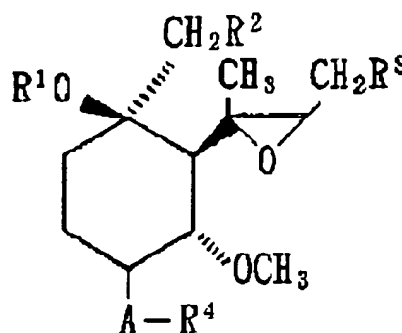
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